

REMOTE PROCESS SEAL WITH IMPROVED STABILITY IN DEMANDING APPLICATIONS

ABSTRACT OF THE DISCLOSURE

5 A remote process seal system is provided.
The seal system includes at least one remote process
seal assembly coupled to a process pressure transmitter
via a coupling filled with an incompressible fluid.
The incompressible fluid is contacted by at least one
10 getter to reduce instabilities caused by the release of
hydrogen gas accumulating over time. In one aspect, a
layer of getter material is deposited or placed within
the pressure transducing portion of the remote process
seal assembly.

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